--Figure 2 shows the strategy for cloning the promoter region of the cox-2 gene in the pXP2 plasmid in order to obtain the construct prom2-1906-LUC. The oligonucleotide depicted corresponds to SEQ ID. NO:4.--

Please **delete** the Sequence Listing at pages 31-32 and substitute therefor, the Substitute Sequence Listing included herewith in paper and computer form.

IN THE CLAIMS

Please **delete** Claims 1-8.

Please **add** the following new claims.

9. (NEW) A nucleic acid molecule having the sequence of from about nucleotide –1796 to about +104 of a human cyclooxygenase 2 gene operatively linked to a reporter gene.

10. (NEW) The nucleic acid molecule of claim 9, wherein the sequence is set forth by SEQ ID. NO:5.

11. (NEW) The nucleic acid molecule of claim 9, wherein the reporter gene is selected from the group consisting of a luciferase gene, a chloramphenicol acetyltransferase gene, and a β-galactosidase gene.

12. (NEW) The nucleic acid molecule of claim 9, wherein the nucleic acid molecule is contained in a vector.

13. (NEW) A nucleic acid molecule comprising about 1.9 kb of a human cyclooxygenase 2 promoter operatively linked to a reporter gene.

14. The nucleic acid molecule of claim 13, wherein the promoter has the sequence set forth by SEQ ID. NO:5.

15. (NEW) The nucleic acid molecule of claim 13, wherein the reporter gene is selected from the group consisting of a luciferase gene, a chloramphenicol acetyltransferase gene, and a β-galactosidase gene.

16. (NEW) The nucleic acid molecule of claim 13, wherein the nucleic acid molecule is contained in a vector.

17. (NEW) A cell comprising a nucleic acid molecule having the sequence of from about nucleotide –1796 to about +104 of a human cyclooxygenase 2 gene operatively linked to a reporter gene.

18. (NEW) The cell of claim 17, wherein the cell is a human cell.

19. (NEW) The cell of claim 18, wherein the cell is a Jurkat cell.

20. (NEW) The cell of claim 17, wherein the expression of the reporter gene is controlled by the sequence of the human cyclooxygenase 2 gene.

21. (NEW) The cell of claim 20, wherein the cell is capable of expressing the reporter gene.

22. (NEW) A cell line having the access number ECACC 9903245.

23. (NEW) An *Escherichia coli* DH5 cell line having the access number CECT 5145.

24. (NEW) A method comprising:

contacting a cell comprising a nucleic acid molecule comprising about 1.9 kb of a human cyclooxygenase 2 promoter operatively linked to a reporter gene with a test agent; and

measuring the reporter gene activity

wherein a reduction in reporter gene activity indicates that the test agent may be a transcriptional inhibitor of the human cyclooxygenase 2 gene.